

1/16

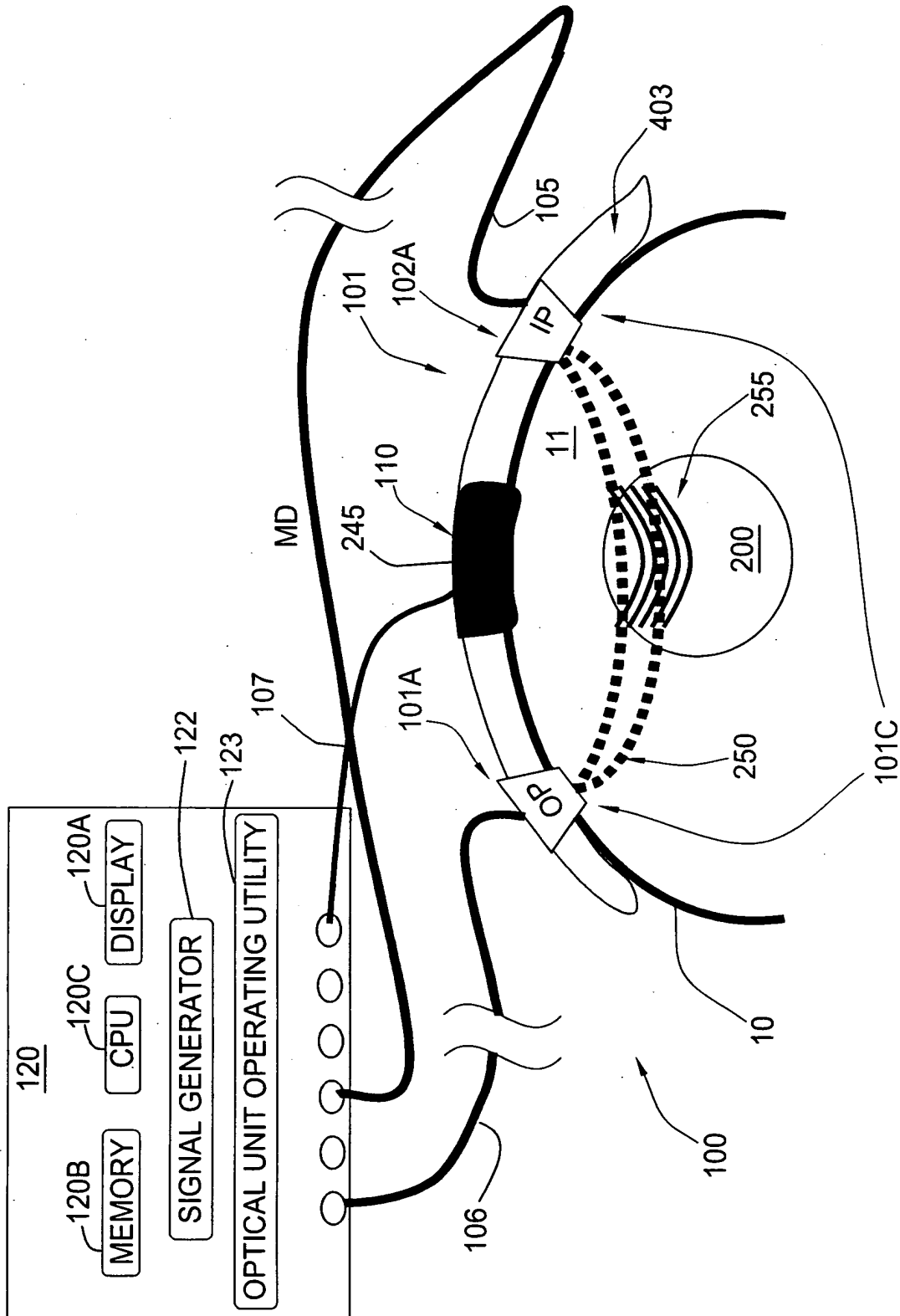


FIG. 1A

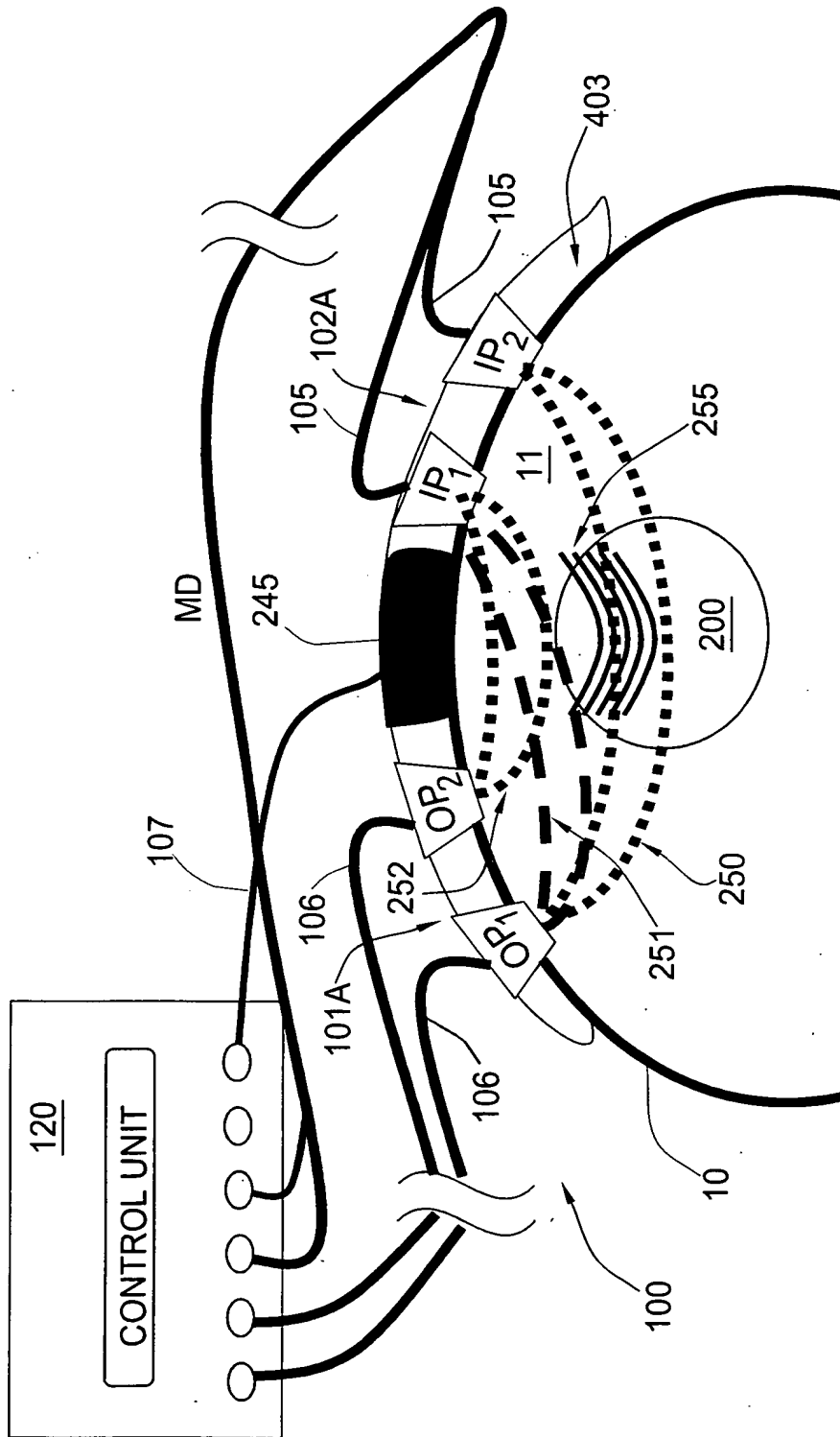


FIG. 1B

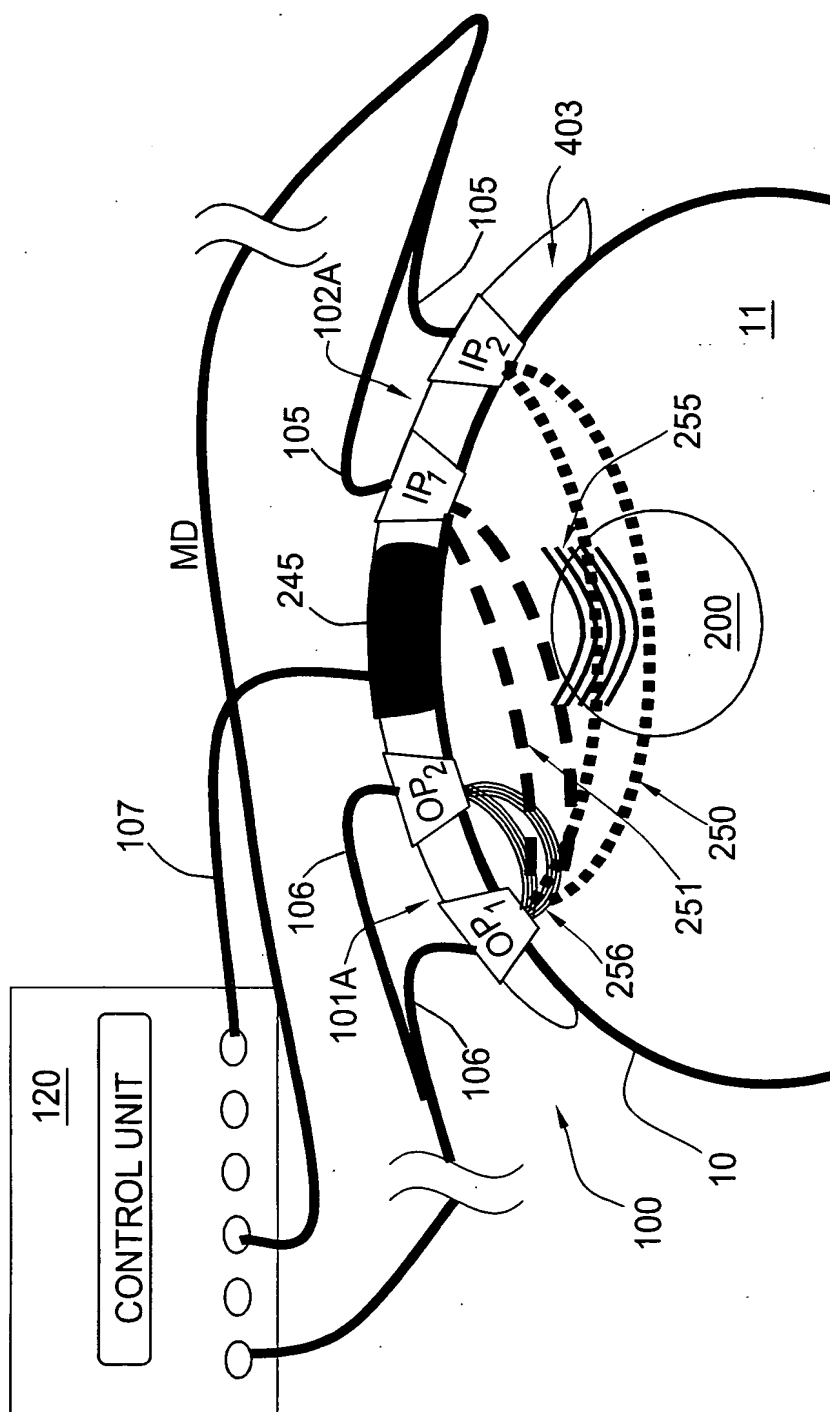


FIG. 1C

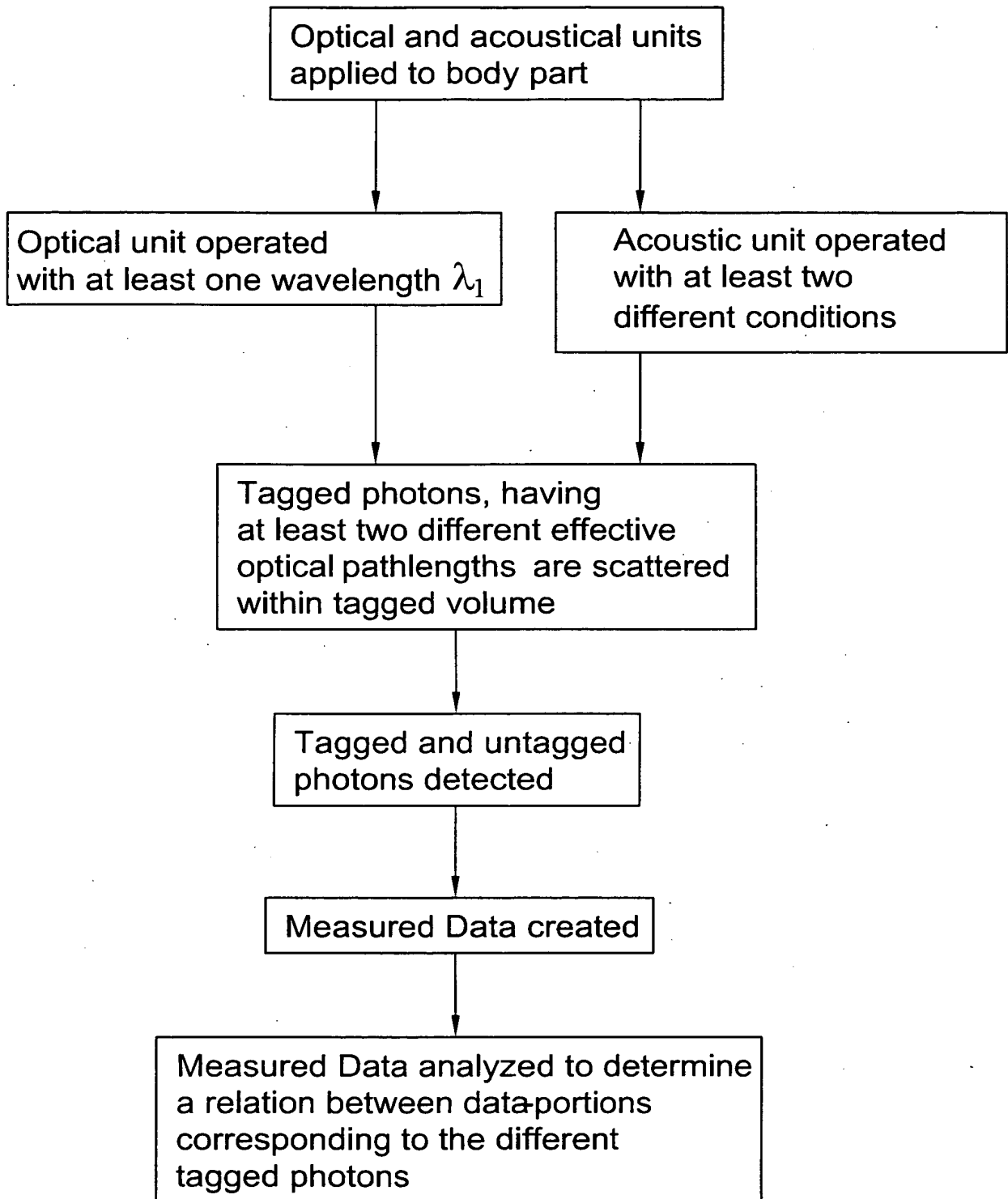


FIG. 1D

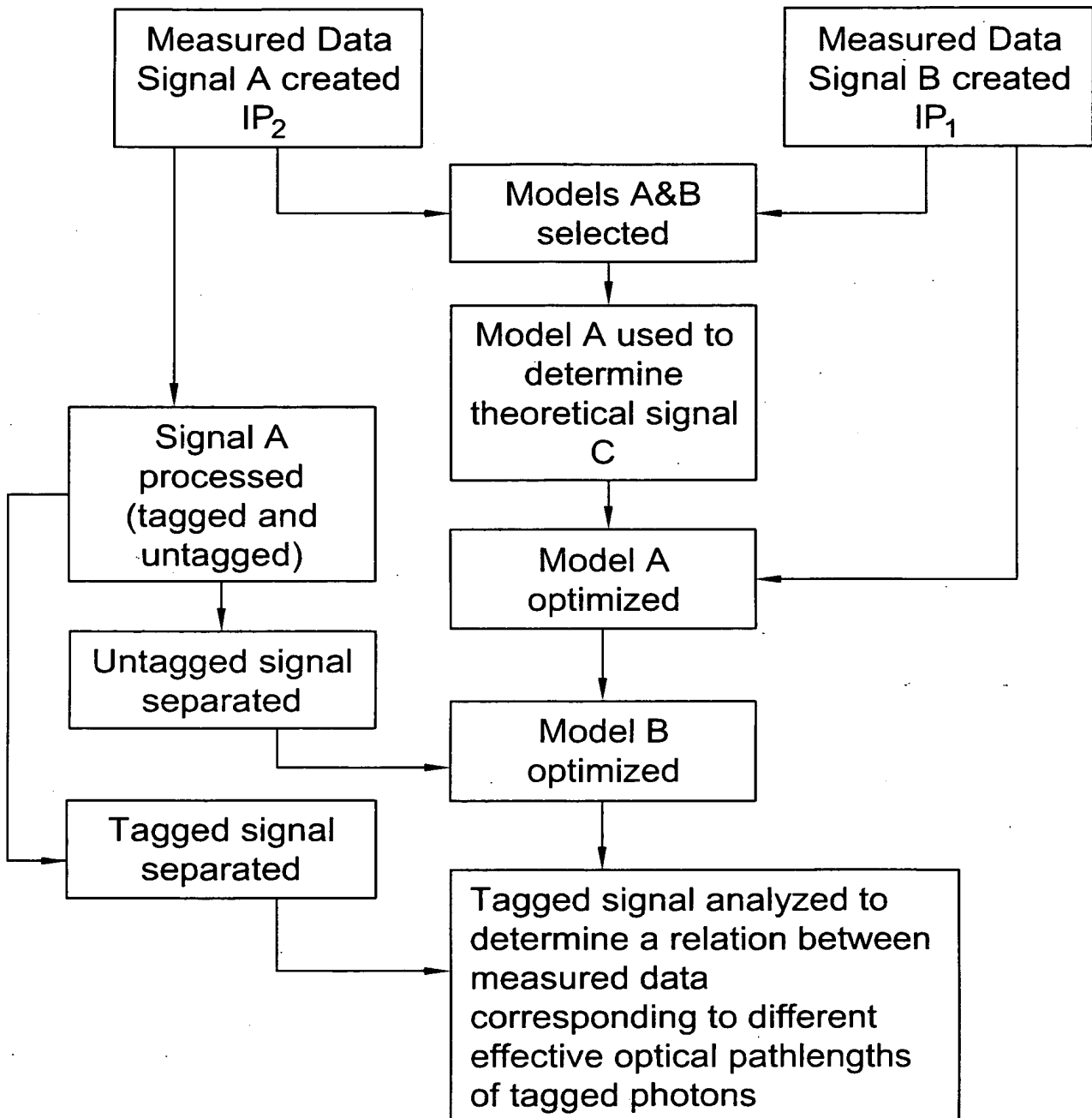


FIG. 1E

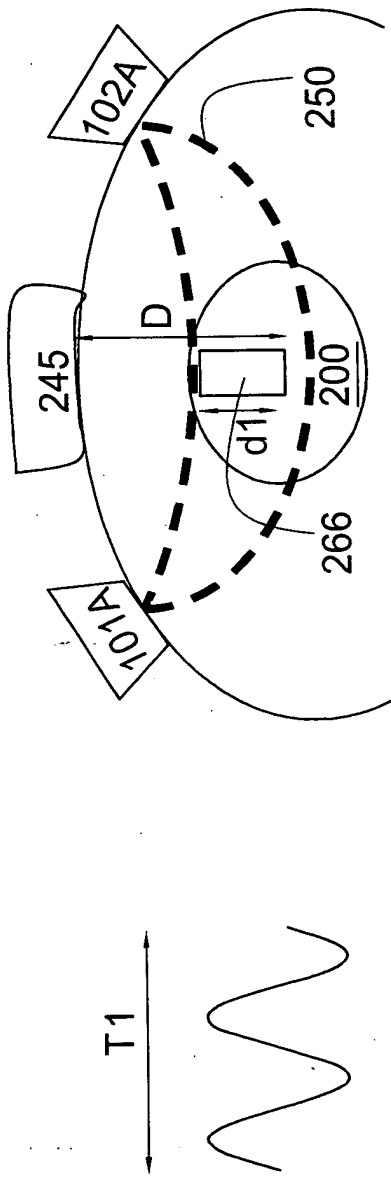


FIG. 2A

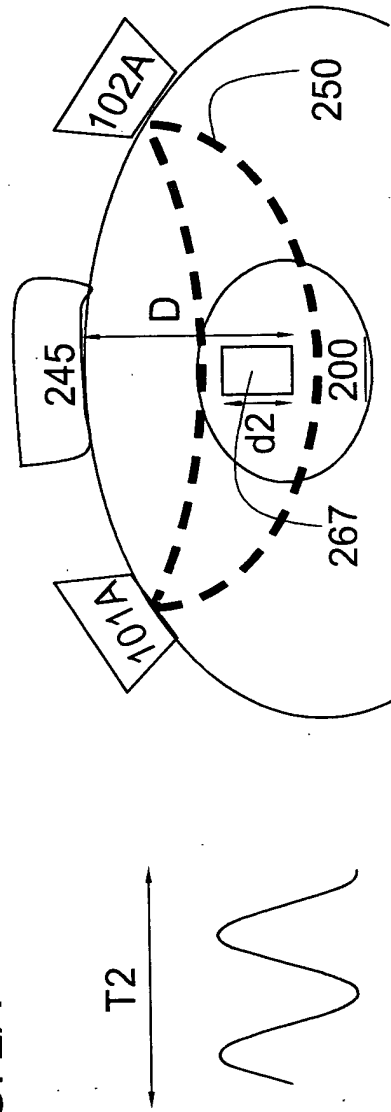


FIG. 2B

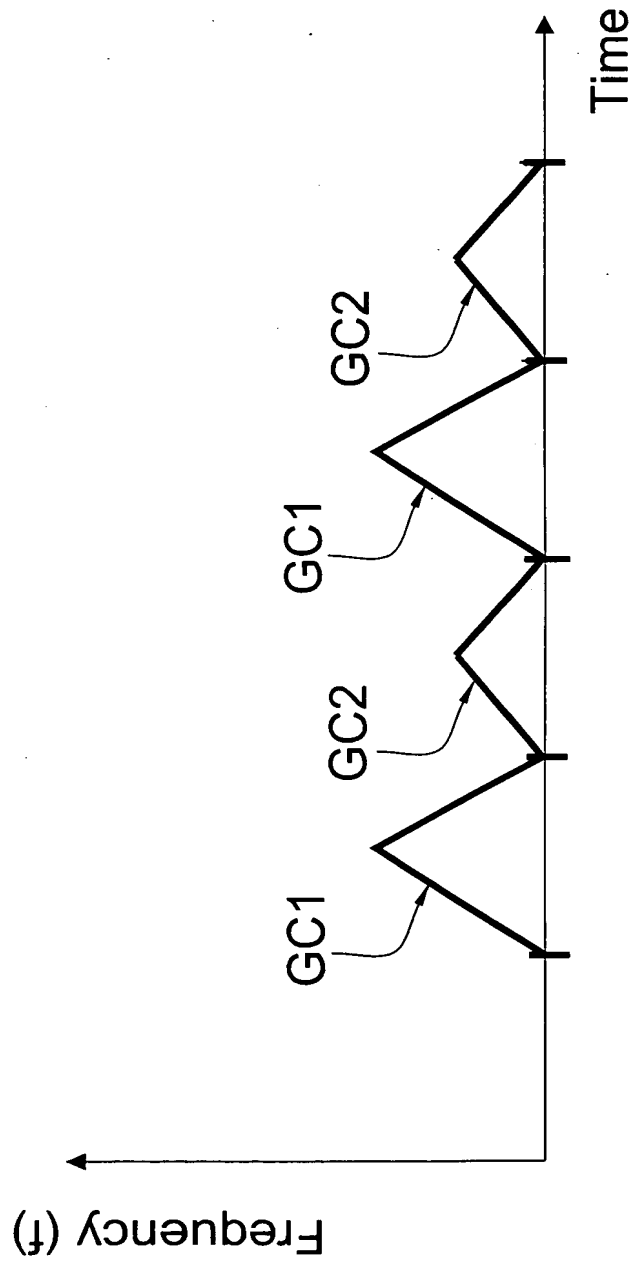


FIG. 2C

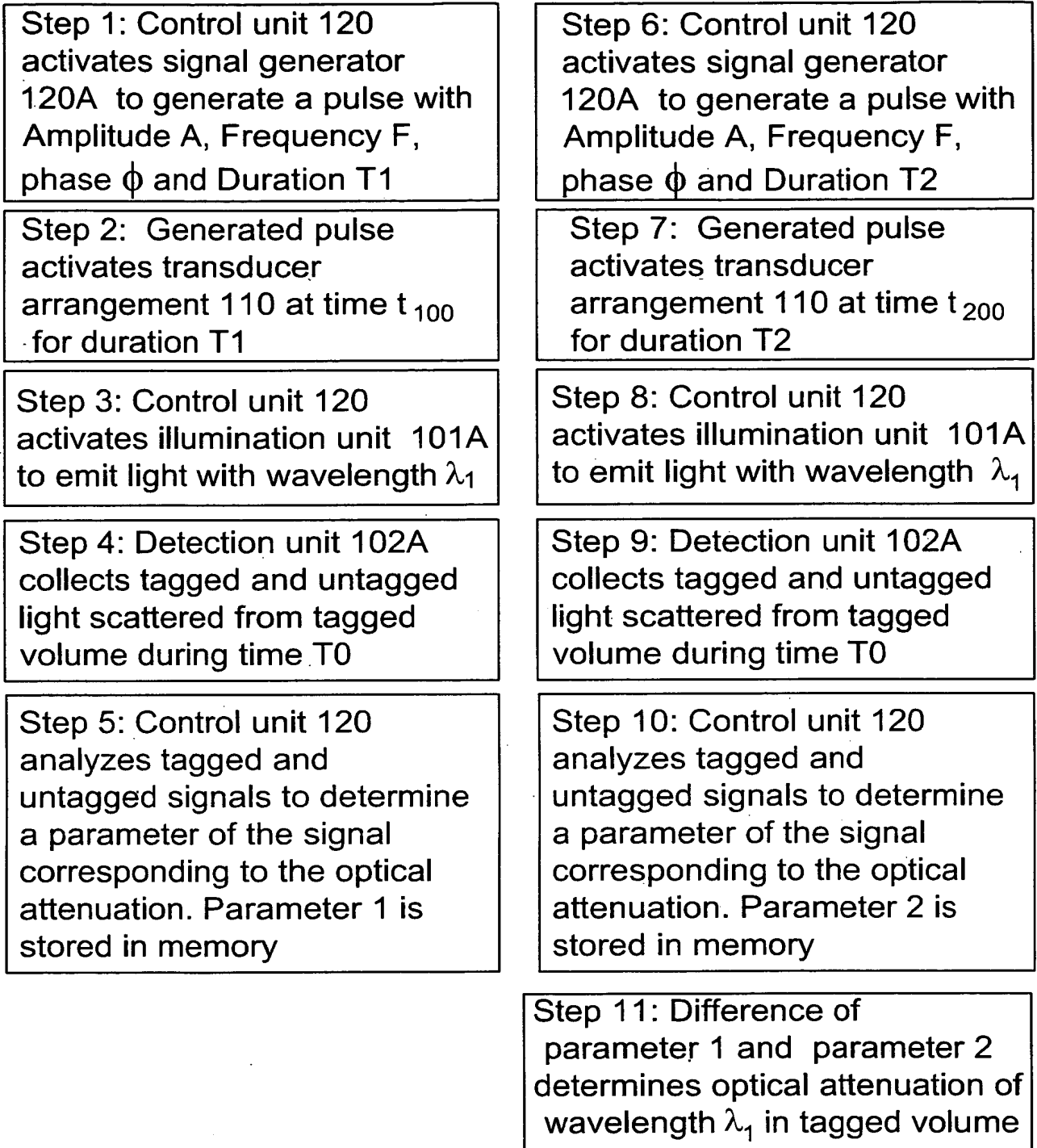


FIG. 3

Repeat steps 1- 11 with second wavelength of light  $\lambda_2$  to determine optical attenuation in tagged volume. Ratio between optical attenuation at the two wavelengths determines oxygen saturation of the region of interest



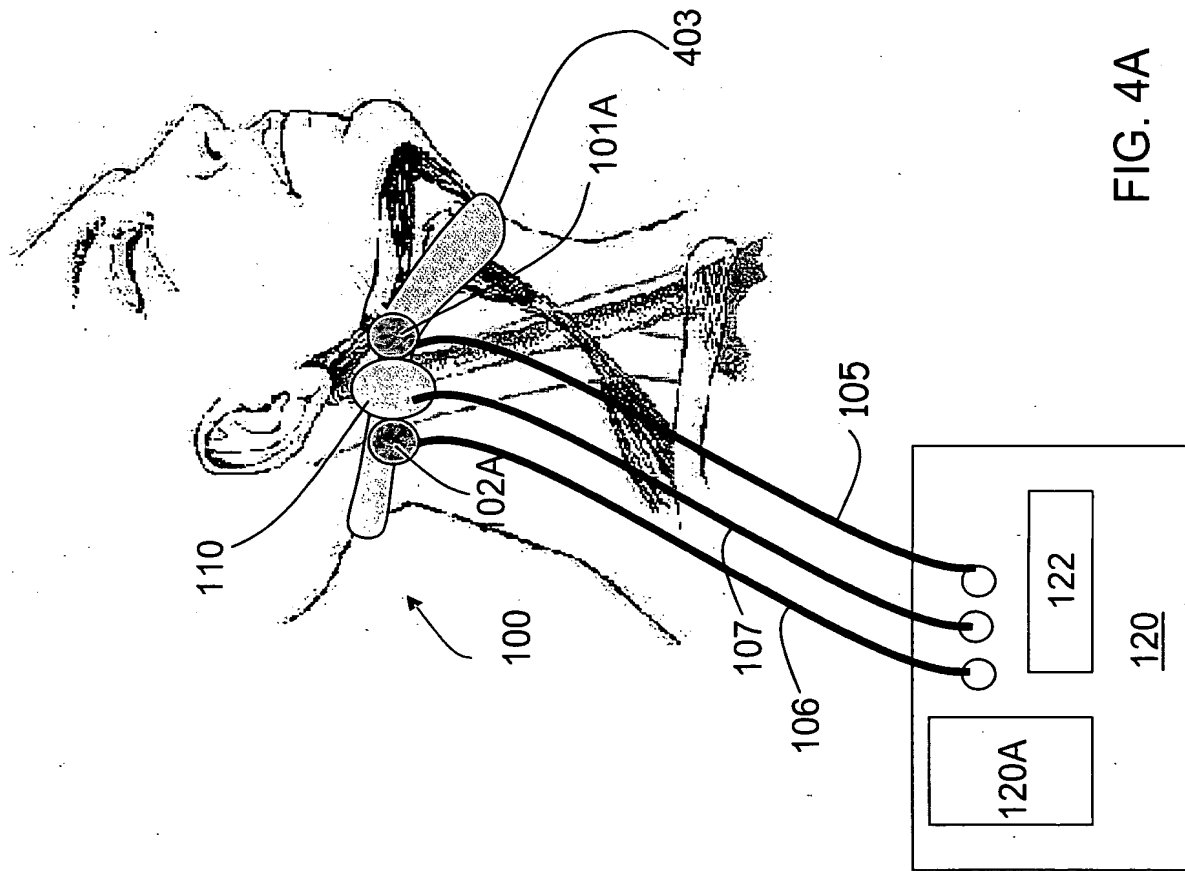


FIG. 4A

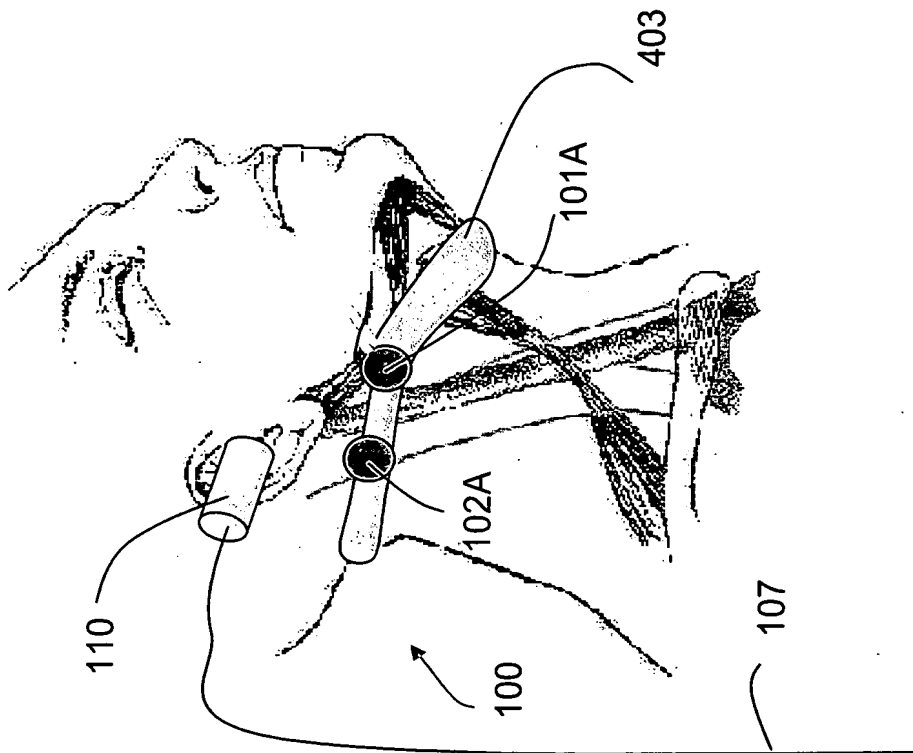


FIG. 4B

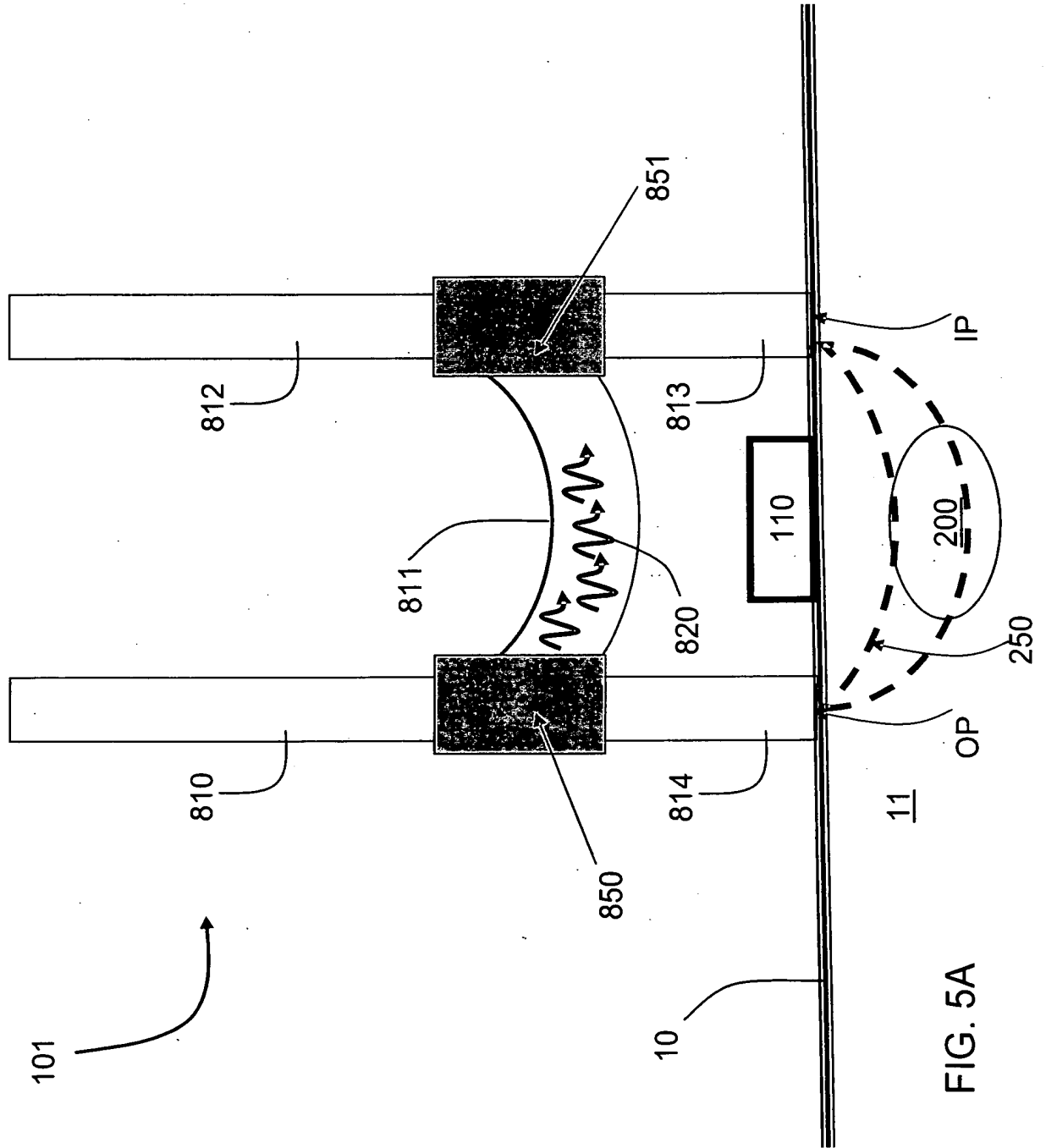
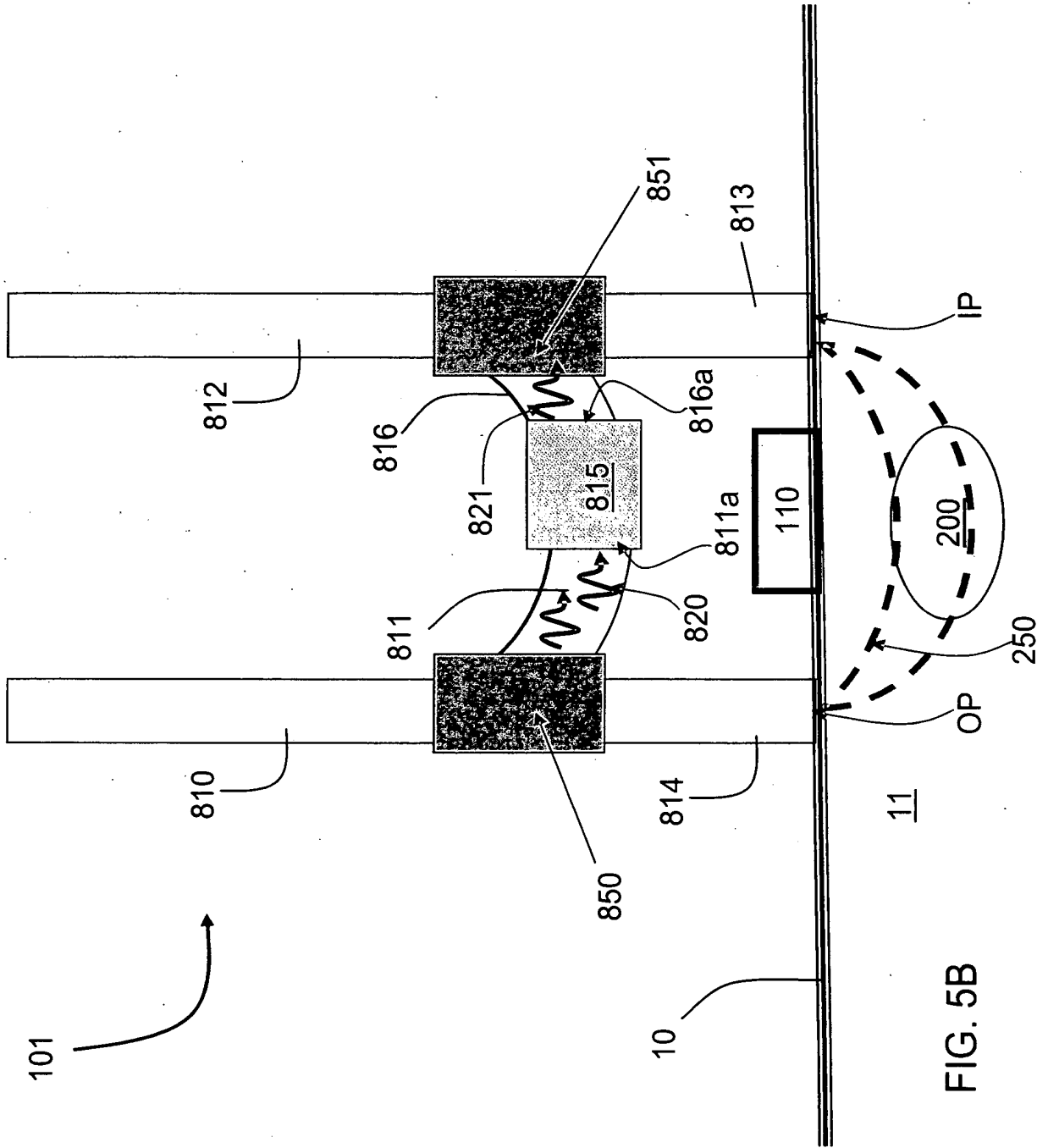


FIG. 5A



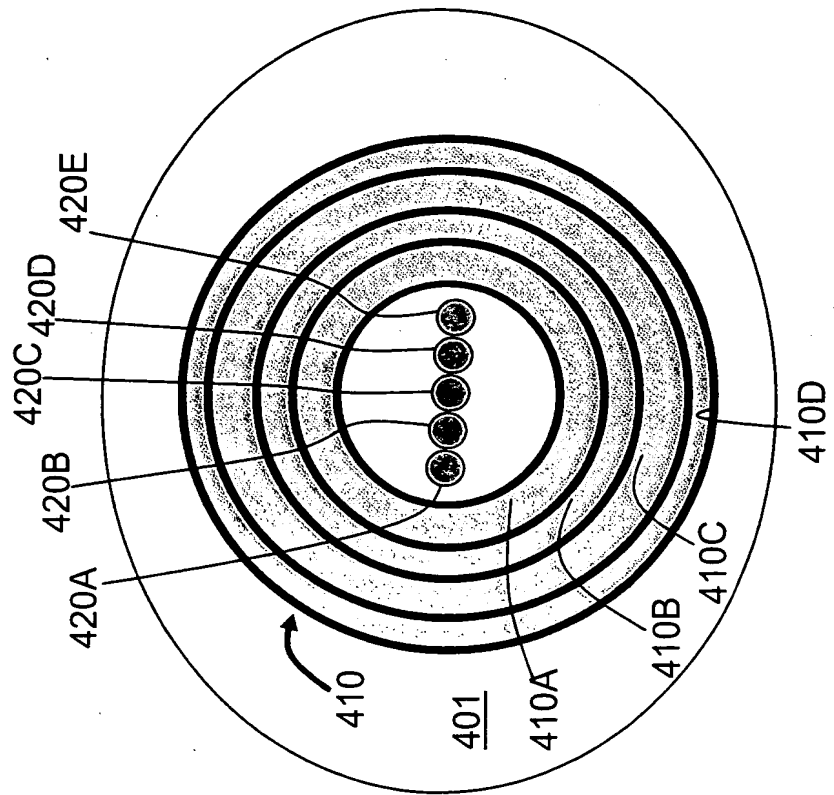


FIG. 6A

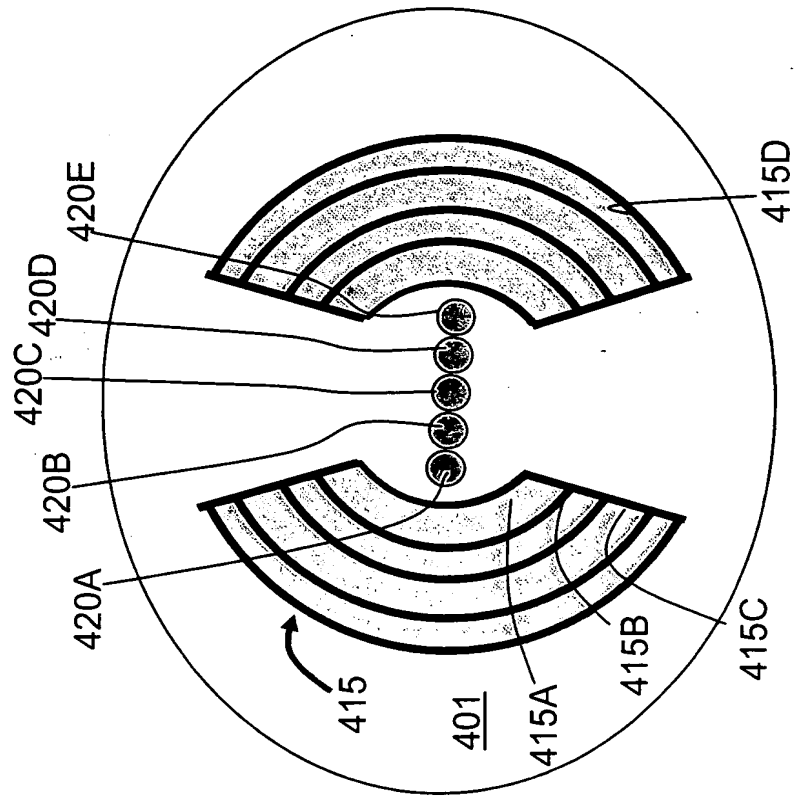


FIG. 6B

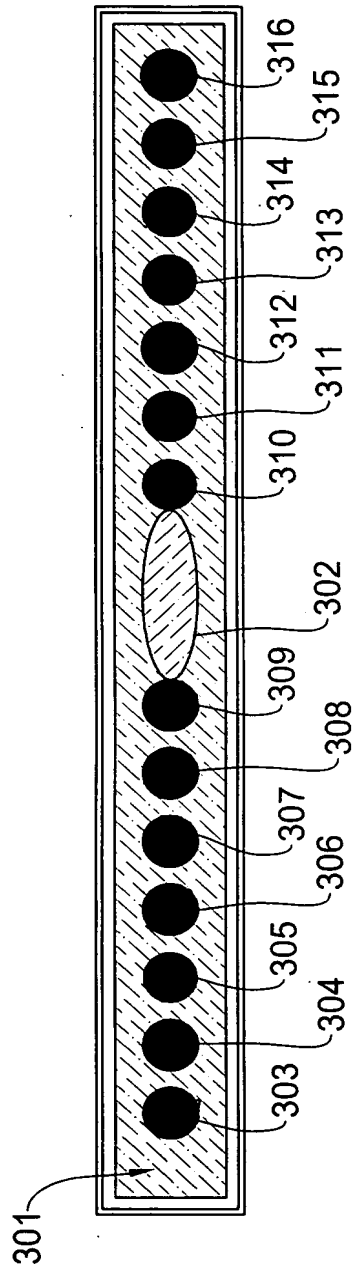


FIG. 7A

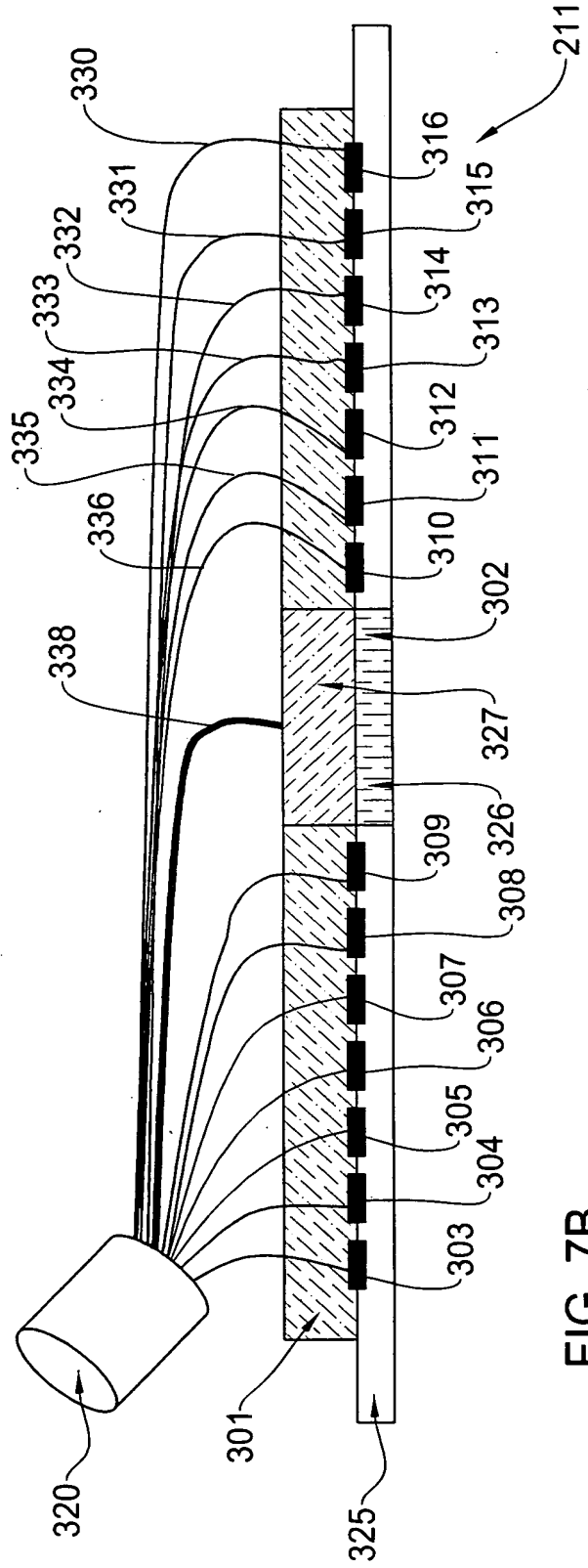


FIG. 7B

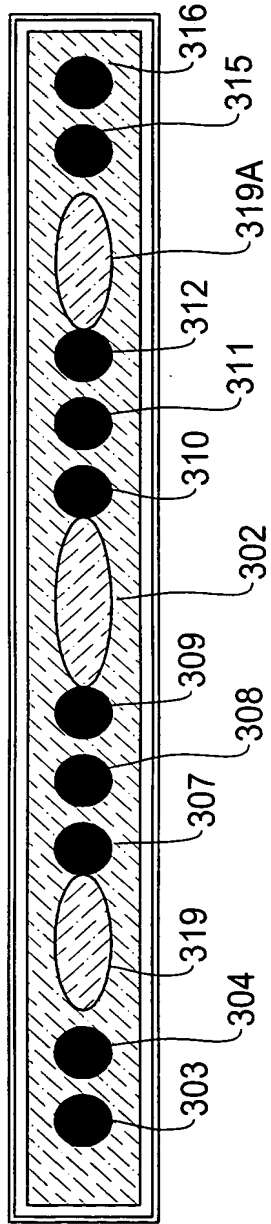


FIG. 8A

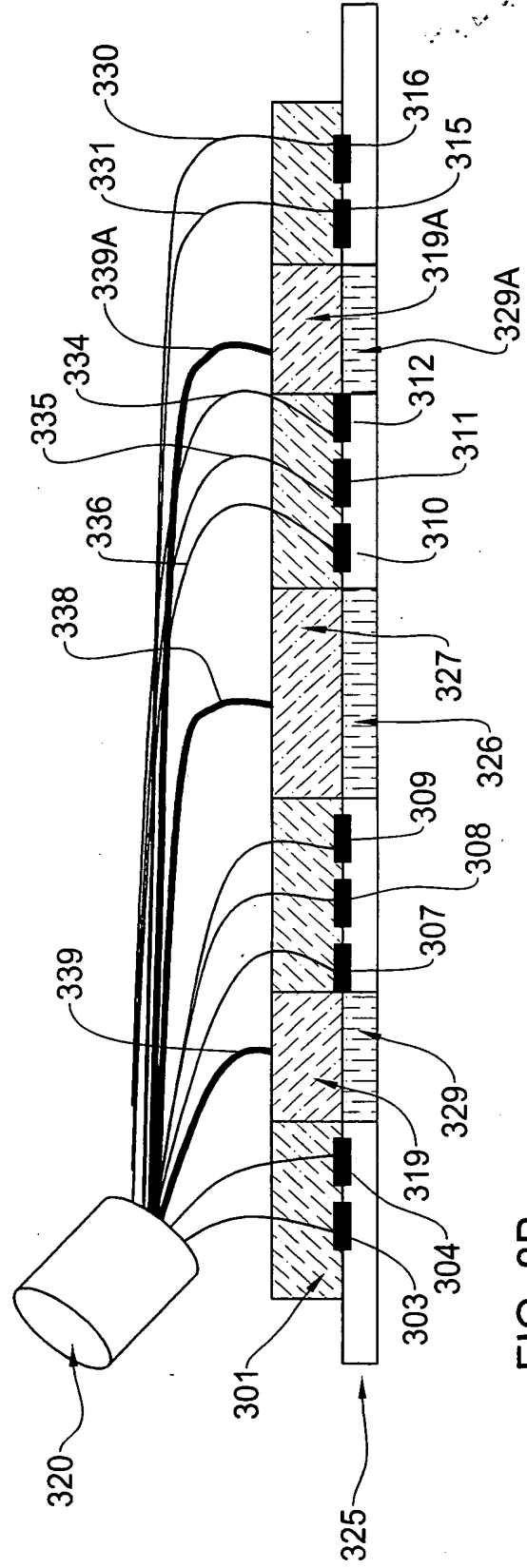


FIG. 8B



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